

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER NBU 921-30D1CS
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT NATURAL BUTTES
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. OPERATOR PHONE 720 929-6100
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217		9. OPERATOR E-MAIL Andy.Lytle@anadarko.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU 0581	11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>	
19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	713 FNL 822 FWL	NWNW	30	9.0 S	21.0 E	S
Top of Uppermost Producing Zone	521 FNL 874 FWL	NWNW	30	9.0 S	21.0 E	S
At Total Depth	521 FNL 874 FWL	NWNW	30	9.0 S	21.0 E	S

21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 874	23. NUMBER OF ACRES IN DRILLING UNIT 2400
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 215	26. PROPOSED DEPTH MD: 11333 TVD: 11326
27. ELEVATION - GROUND LEVEL 4849	28. BOND NUMBER WYB000291	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8496


Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	11	8.625	0 - 2780	28.0	J-55 LT&C	0.2	Type V	180	1.15	15.8
							Class G	270	1.15	15.8
Prod	7.875	4.5	0 - 11333	11.6	HCP-110 LT&C	12.5	Premium Lite High Strength	350	3.38	12.0
							50/50 Poz	1630	1.31	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Joel Malefyt	TITLE Regulatory Analyst	PHONE 720 929-6828
SIGNATURE	DATE 11/24/2014	EMAIL joel.malefyt@anadarko.com
API NUMBER ASSIGNED 43047550050000	APPROVAL  Permit Manager	

T9S, R21E, S.L.B.&M.

**WELL LOCATION:
NBU 921-30D1CS**
ELEV. UNGRADED GROUND = 4848.5'

LOT 1
Found 2006 Aluminum Cap, Pile of Stones, under E/W Fence.
Found 2006 Aluminum Cap in Pile of Stones under E-W Fence.

LOT 2
C.C. West 1/4 Cor. 30: Found 1968 Brass Cap, Pile of Stones

LOT 3
NBU 921-30D1CS (Surface Position)
NAD 83 LATITUDE = 40.012227° (40° 00' 44.017"N)
LONGITUDE = 109.602273° (109° 36' 08.182"W)
NAD 27 LATITUDE = 40.012262° (40° 00' 44.144"N)
LONGITUDE = 109.601582° (109° 36' 05.696"W)

LOT 4
NBU 921-30D1CS (Bottom Hole)
NAD 83 LATITUDE = 40.012755° (40° 00' 45.918"N)
LONGITUDE = 109.602094° (109° 36' 07.539"W)
NAD 27 LATITUDE = 40.012790° (40° 00' 46.045"N)
LONGITUDE = 109.601404° (109° 36' 05.054"W)

Section 30
East 1/4 Corner Section 25: Found 1968 Brass Cap, Pile of Stones.
Found 2006 Aluminum Cap near Fence Post.
Found 2006 Aluminum Cap in Pile of Stones, near Fence Post.

Notes:
1. Well footages are measured at right angles to the Section Lines. G.L.O. distances are shown in feet or chains.
2. 1 chain = 66 feet.
3. The Bottom of hole bears N 14°39'23" E 198.86' from the Surface Position.
4. NAD 83 Latitude & Longitude are (CORS 96)(EPOCH:2002).
5. Bearings and Distances are based upon a Local Cartesian Grid, oriented to Geodetic North at the North 1/4 Corner of Section 8, T10S, R22E, S.L.B.&M. The Grid having a mean project height of 5300'. Lineal units used are U.S. Survey Foot.
6. Basis of elevation is Tri-Sta "Two Water" located in Lot 4 of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD - NBU 921-30D

NBU 921-30D1CS
WELL PLAT
521' FNL, 874' FWL (Bottom Hole)
LOT 1 OF SECTION 30, T9S, R21E, S.L.B.&M., UTAH COUNTY, UTAH.

CONSULTING, LLC
2155 North Main Street
Sheridan, WY 82801
Phone 307-674-0609
Fax 307-674-0182

609

Timberline
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078
(435) 789-1365

DATE SURVEYED: 4-3-14
DATE DRAWN: 4-10-14
SCALE: 1" = 1000'

SURVEYED BY: J.W.
DRAWN BY: D.A.
Date Last Revised:

SHEET NO: 4
4 OF 18

▲ = Section Corners Located

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WELL PAD - NBU 921-30D
NBU 921-30D1CS WELL PLAT 521' FNL, 874' FWL (Bottom Hole) LOT 1 OF SECTION 30, T9S, R21E, S.L.B.&M., UINTAH COUNTY, UTAH.

CONSULTING, LLC
2155 North Main Street
Sheridan, WY 82801
Phone 307-674-0609
Fax 307-674-0182



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NOTES OF ACTUAL SURVEYS, MADE BY ME OR
PERVISON AND THAT THE SAME ARE TRUE
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR
No. 6028691
JOHN R
LAUGH
5-19-14
JOHN R. LAUGH

PROFESSIONAL LAND SURVEYOR
REGISTRATION No. 6028691
STATE OF UTAH

TIMBERLINE (435) 789-1365
ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

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